


Message

From: Schulman, Michael [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=35D7024F00644B3D8B5DBA4940506834-SCHULMAN, M]
Sent: 6/21/2021 5:01:25 PM
To: Papler, Roger@Waterboards [Roger.Papler@waterboards.ca.gov]
Subject: RWQCB 5-year review requirements
Attachments: Order Signetics #91-104 (cleanup).pdf

<!--[if lte mso 15 || CheckWebRef]-->

Schulman, Michael has shared a OneDrive for Business file with you. To view it, click the link below.

 Philip's 5-Year-Report-2016-2020_signeticsOOO.pdf

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Hi Roger,

I have a question that I thought you'd might know the answer to. For the Triple Site, Philips as the RP just submitted a Five-Year Report, which they did under the RWQCB Orders No. 91-102, -103-, and -104. Is there a State regulation that requires a 5-Year review, or are 5YRs just done through Orders? And, in the screenshot example below, do you think the Order's Task 11 requirement for a 5-year review was one time as the Order notes the Task was completed June 19, 1996. There are other nuances to the EPA and RWQCB orders, but for now I'm just trying to understand what the State's 5-year report requirements are.

- j. **TASK 11: FIVE-YEAR STATUS REPORT AND EFFECTIVENESS EVALUATION:** Submit a technical report acceptable to the Executive Officer containing the results of any additional investigation including the soil remediation study; an evaluation of the effectiveness of installed final cleanup measures and cleanup costs; additional recommended measures to achieve final cleanup objectives and standards, if necessary; a comparison of previous expected costs with the costs incurred and projected costs necessary to achieve cleanup objectives and standards; and the tasks and time schedule necessary to implement any additional final cleanup measures.

This report shall also describe the reuse of extracted groundwater, evaluate and document the cleanup of polluted groundwater, and evaluate and document the removal and/or cleanup of polluted soil. If safe drinking water levels, through the removal of the chemicals for which this Order specifies cleanup standards, have not been achieved onsite and are not expected to be achieved through continued groundwater extraction and/or soil remediation, this report shall also contain an evaluation addressing whether it is technically feasible to achieve drinking-water quality onsite, and if so, a proposal for procedures to do so.

COMPLETION DATE: June 19, 1996

Thank you!
Michael

Michael Schulman
Remedial Project Manager

USEPA Region 9 (SFD-7-1)
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415-972-3064 (o)

From: Africa Espina <guzuna@locustec.com>
Sent: Friday, June 18, 2021 12:28 PM
To: Schulman, Michael <Schulman.Michael@epa.gov>
Cc: Shau-Luen Barker (ShauLuen.Barker@philips.com) <ShauLuen.Barker@philips.com>; groundwater@valleywater.org; rmiller@ci.sunnyvale.ca.us; kurt.batsel@ngc.com; heather.ocleirigh@amd.com; J. Wesley Hawthorne <hawthornej@locustec.com>
Subject: Five-Year Status Report for Signetics and OOU 2016-2020

Dear Michael,

The Five-Year Status Report and Remedial Effectiveness Evaluation 2016-2020 for the Signetics (811 East Arques Avenue) Site and Offsite Operable Unit in Sunnyvale, California is available for download through the below link.

This report is being submitted in accordance with Provision C.4.j, Task 11 of RWQCB Order No. 91-104. Please contact J. Wesley Hawthorne at (415) 799-9937 or me if you have any questions regarding this transmittal or if you would prefer a printed copy. A copy of the report was uploaded to Geotracker.

<https://locustec-my.sharepoint.com/:b:/p/guzuna/EQCxkC7slh5Nh2iZG-Twe9gBwuCt3tvh0QkenL23NEtLHQ?e=mgNdBZ>

Distribution List

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George Cook, Santa Clara Valley Water District
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Kurt Batsel, Northrop Grumman Corporation
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Regards,
Africa

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